

Conventional tools

Hot air blower approx. 600 °C	e.g. made by Jumbotherm K 25 Zinser, 7333 Ebersbach/Fils
Tripod radiator, type ST 60/KL	e.g. made by Dr. K. Brechenmacher KG Charlottenplatz 6, 7000 Stuttgart
Heat resistant protective blanket, Order no. 0187-104 Dimensions 1000 x 2000 m	e.g. made by Tesimax-Altinger Hölderlinstr. 39, 7530 Pforzheim

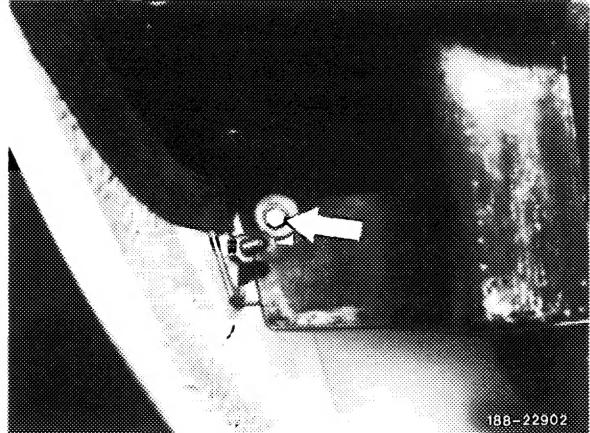
Note

Starting end of November 1981 the front fenders are no longer sprayed in joint range with PVC underfloor protection, but are provided with an inner fender made of plastics.

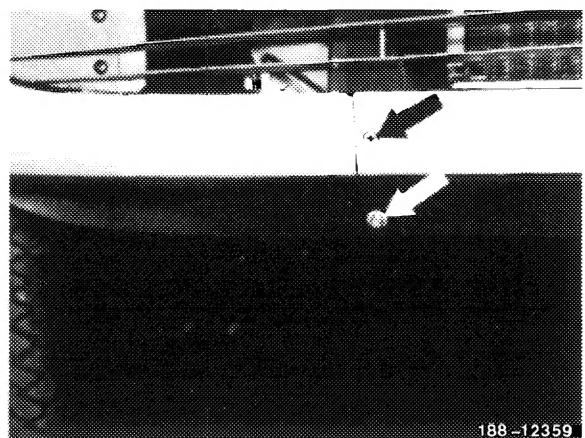
For disassembly of a fender on these vehicles, the fender need no longer be heated and the bulkhead need not be removed for this purpose. Only the lower front fastening screw of inner fender must be screwed out.

Removal

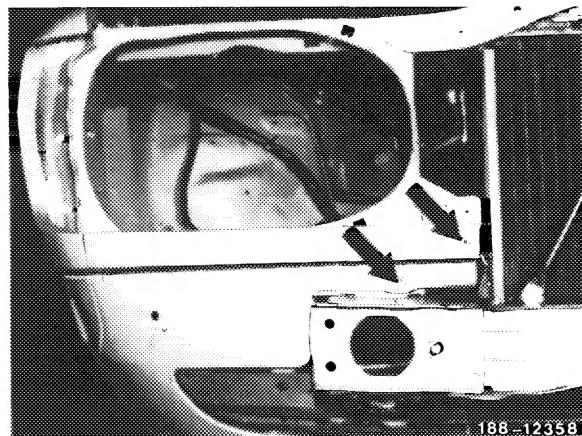
- 1 On vehicles with inner fender, unscrew front fastening screw.
- 2 Remove front bumper (88-200)
- 3 Remove headlamp (82-210)
- 4 Remove rubber cover on bumper front (88-205).



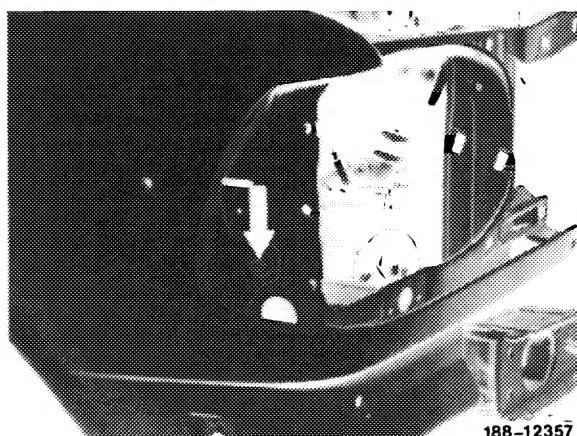
- 5 Unscrew both bottom screws at front (arrows) and remove air grille under bumper (88-410).



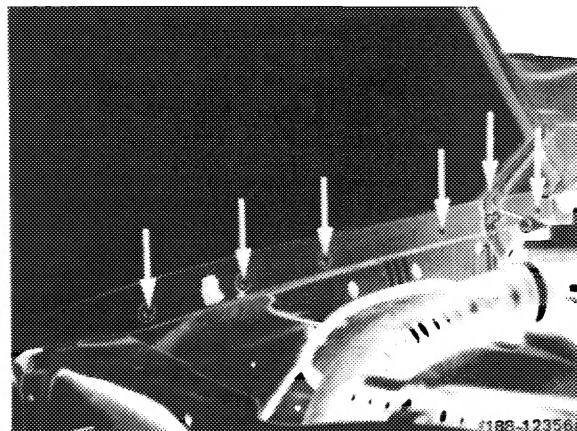
6 Unscrew both upper screws at face end.



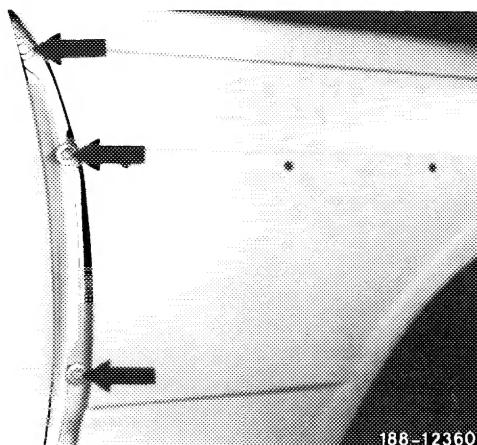
7 Remove screw outside in headlight shell.



8 Remove screws on rabbet by means of a hexagon ratchet or the like.



9 Unscrew stop rubber for engine hood on rabbet.



10 Remove screws on front wall pillar by means of an articulated wrench.

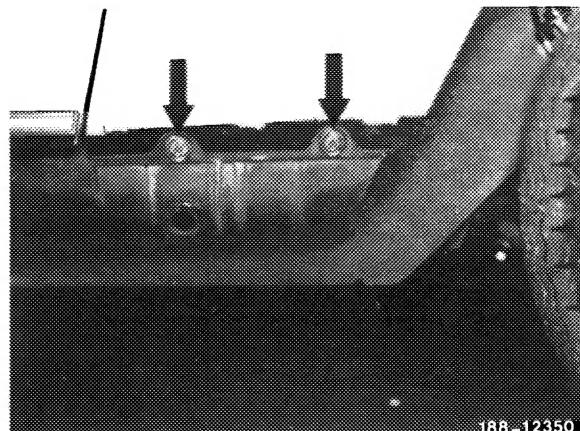
11 Unscrew both screws on side member.

12 Loosen fender from side member by means of a plastic wedge.

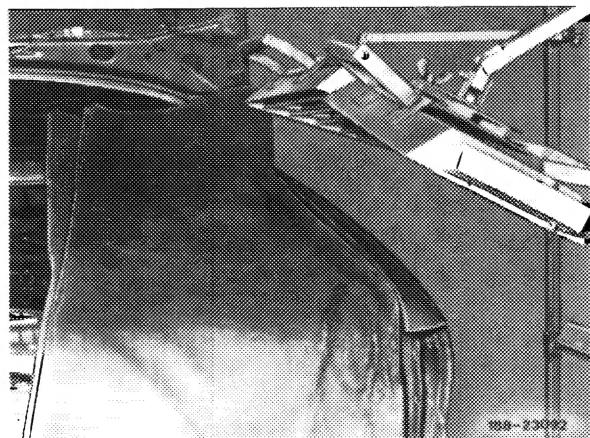
Attention!

Jobs 13 to 17 are performed on vehicles without inner fender only.

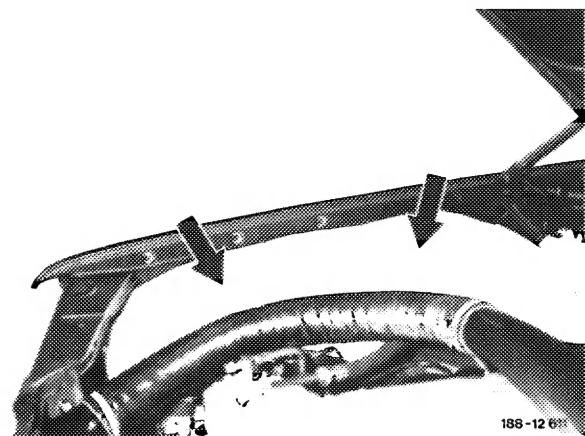
13 Remove bulk head.



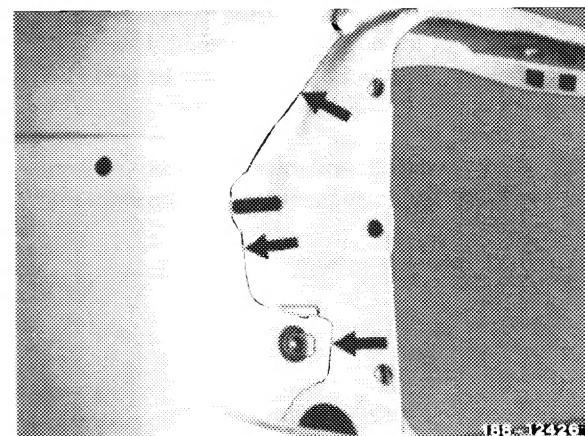
Note: A tripod radiator, a large welding burner with a long soft flame or a hot air blower (600°C) may be used. With proper care, the fender can be heated without damaging the paintwork. Damaged fenders which are not used any longer, can be heated faster from above on surface.



14 Cover electric lines on respective side of engine compartment with a heat-resistant electric blanket when heating fender with a welding burner or a tripod radiator.

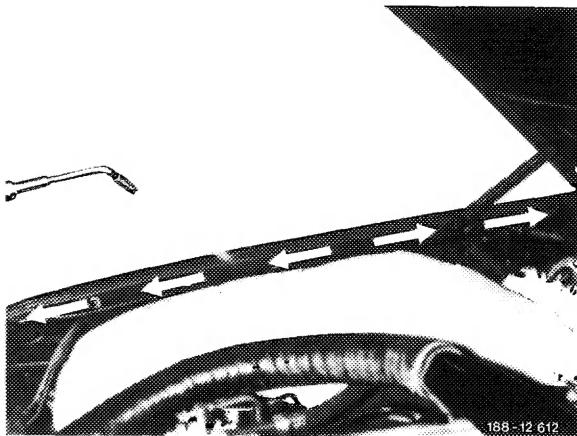


15 Lightly heat contact surface of fender in head-lamp housing and loosen in this range first.



16 Slowly and uniformly heat entire seam at front fender in area of screws **starting at engine compartment**. In individual cases the seam may require heating for several minutes.

17 With a sharp industrial knife, cut the soft PVC from the wheelhouse through to the panel. To do so, completely sever PVC along the seam starting at the front corner of the fender to the end of the coating.



18 Lift front fender, starting at the front and pull out in forward direction.

Install

19 Prior to assembly, provide spare fender with permanent underfloor protection.

20 On vehicles without inner fender glue new backing to fold on wheelhouse.

21 On vehicles with inner fender check for correct seat of rubber seal on inner fender.

22 Fit front fender in such a manner that distance and transition to driver's door are in alignment.

23 Melt fastening holes on fold out of backing by means of a heated welding wire.

24 Screw down fender.

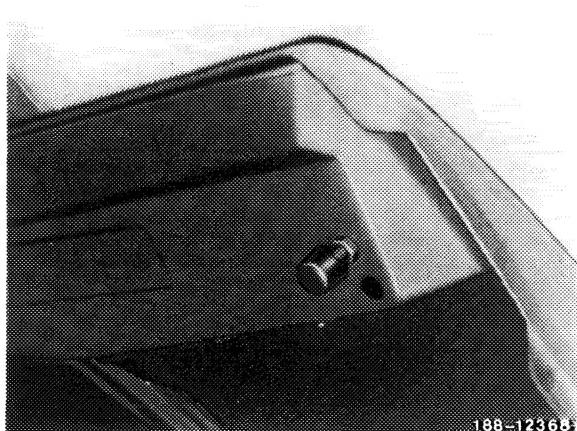
25 After assembly, carefully spray connections with permanent underfloor protection on vehicles without inner fender.

26 Install headlights and aim (88-210).

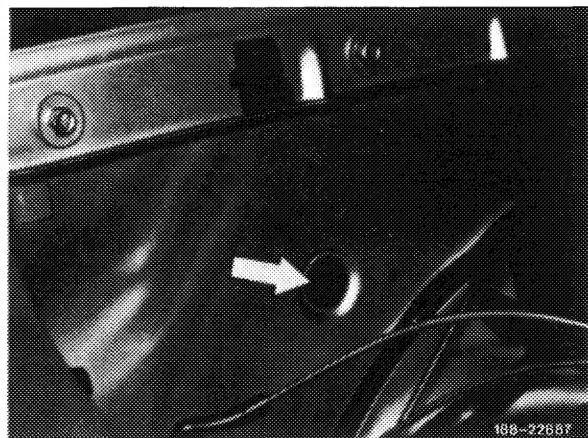
27 Fit engine hood and adjust the two stops in such a manner that the engine hood is slightly lower and the inner edge of the front fender can be seen as aligning edge (88-300).

28 After drying of permanent underfloor protection at the front fender, complete repair conservation.

29 Install bulkhead and seal.



30 On vehicles with inner fender, introduce repair
preservation of cavity through opening in wheelhouse.



Layout antenna at the right on front fender

$a = 138 \text{ mm}$ $b = 24 \text{ mm}$

Match diameter of bore to type of antenna.

